## INTERNATIONAL SEARCH REPORT

International application No.

A. CLASSIF	ICATION OF SUBJECT MATTER 1 B29B7/58, 7/38, 7/84	PCI/JE	220047005059
<del> </del>	nternational Fatent Classification (IPC) or to both nati	onal classification and IPC	
E. FIELDS SEARCHED  Minimum documentation searched (classification system followed by classification symbols)			
Int.Cl	<sup>7</sup> Б29В7/00-7/94	olassitisation symbols,	
Documentation	searched other than minimum documentation to the e		
Jitsuyo	Shinan Koho 1926—1996	Meni inai such documents are included in th Toroku Jitsuyo Shinan Koho Jitsuyo Shinan Toroku Koho	1994–2004 1996–2004
Electronic data	base consulted during the international search (name o	of data base and, where practicable, search to	erms used)
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C. DOCUME	NTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where	annionriate of the relevant magazines	Delementa del N
Y	JP 10-180840 A (Asahi Chemi		Relevant to claim No.
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	(Family: none)		
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Y Further doc	cuments are listed in the continuation of Box C.	See patent family annex.	
	ories of cited documents: fining the general state of the art which is not considered	"T" later document published after the inten- date and not in conflict with the applicati	national filing date or priority
to be of particular relevance the principle or theory underlying the			cotion
filing date  document which may throw doubts on priority claim(s) or which is		"X" document of particular relevance; the cla considered novel or cannot be conside	imed invention cannot be red to involve an inventive
		"Y" document of particular relevance; the cla	ined invention cannot be
	erring to an oral disclosure, use, exhibition or other means	considered to involve an inventive st- combined with one or more other such do	en when the document is
P" document put the priority do	plished prior to the international filing date but later than the claimed	being obvious to a person skilled in the a  "&" document member of the same patent fan	rt
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Date of the actual completion of the international search 18 June, 2004 (18.06.04)		Date of mailing of the international search report 06 July, 2004 (06.07.04)	
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	address of the ISA/	Authorized officer	
Japanes	e Patent Office		
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International application No.
PCT/JP2004/005059

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. Category\* Microfilm of the specification and drawings 1,2 A annexed to the request of Japanese Utility Model Application No. 169391/1980 (Laid-open No. 090733/1982) (Kishiyasu YAMAOKA), 04 June, 1982 (04.06.82), (Family: none)